



Department of the Army



**US Army Corps  
of Engineers®**  
Vicksburg District



# PIANC – U.S. Section

April 17, 2002



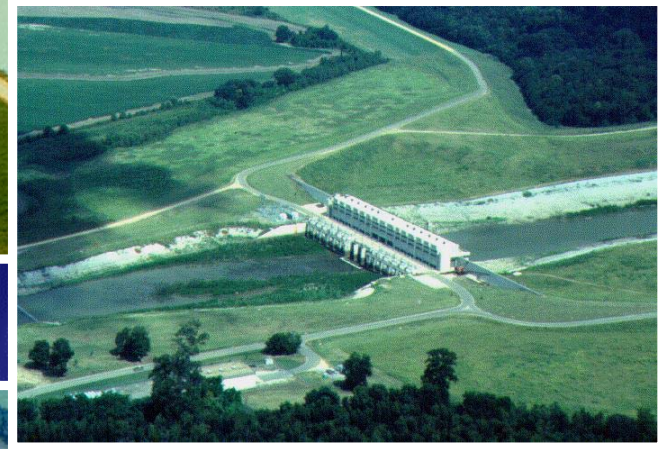
# The Vicksburg District





# Flood Damage Reduction

- \$47 Billion damages prevented
- \$20:1 Benefits
- 2,993 km of levees
- 4,240 km of flood control channels
- 11 Pumping plants
- 10 Flood control lakes





# Recreation

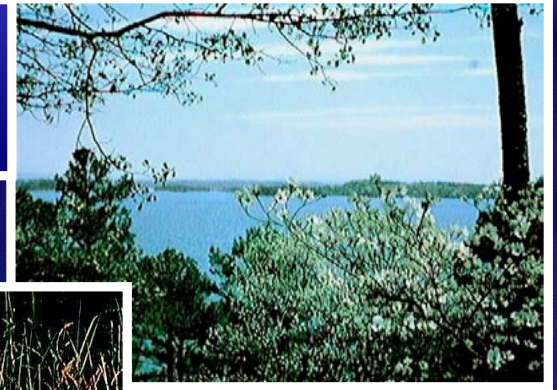


- **\$1 billion industry**
- **25 million visitors**
- **18 Projects providing facilities (lakes & river systems)**
- **4,478 km of shoreline**
- **133 Corps-operated recreation areas**





# Environment



- **Balanced**
- **24% of Corps budget**
- **Environmentally sustainable designs**





# Hydropower

- Three power plants in Arkansas
- Corps projects produce 1/4 of the Nation's hydroelectric power





# Navigation

- Red River  
212 Miles  
5 Locks and Dams
- Ouachita Black Rivers  
337 miles  
4 Locks and Dams
- West Pearl River  
58 miles  
3 Locks





# Navigation



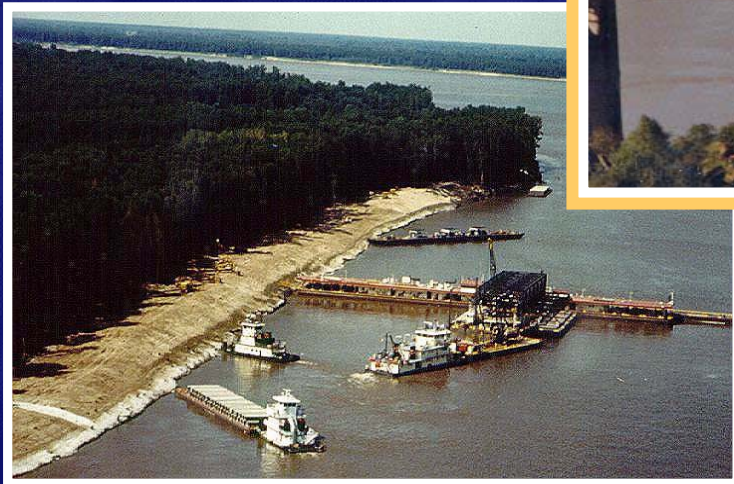
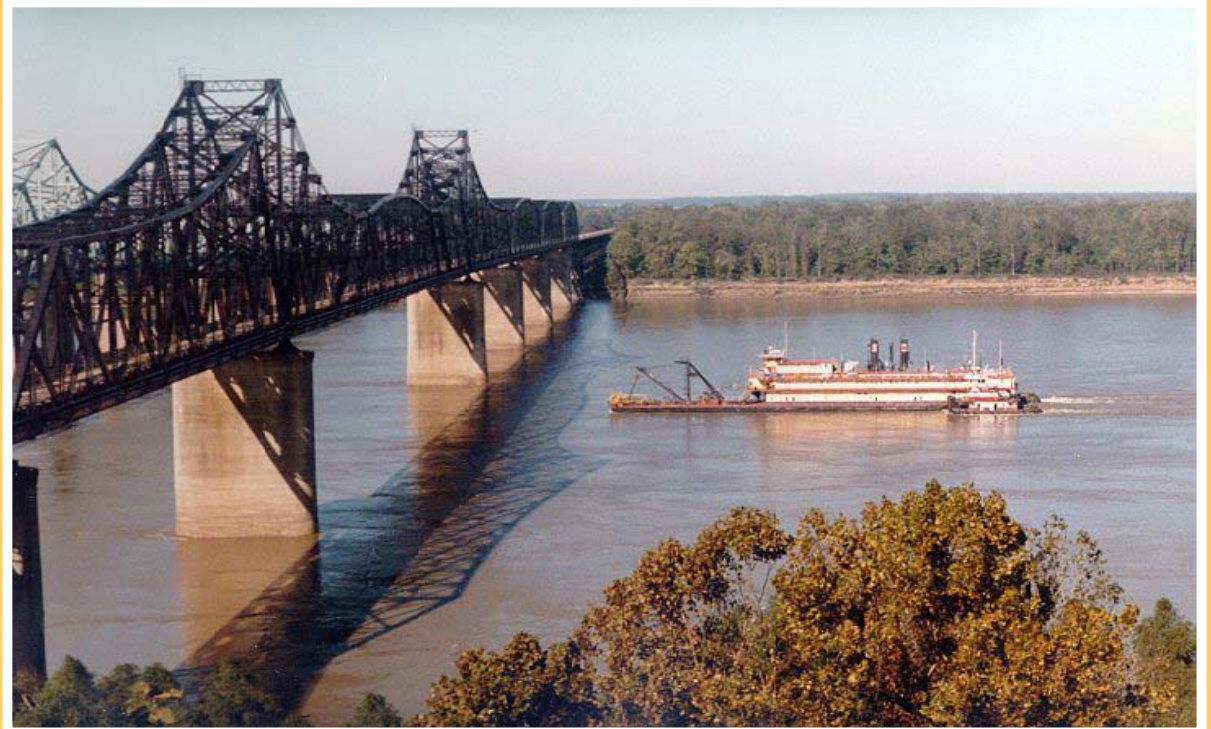








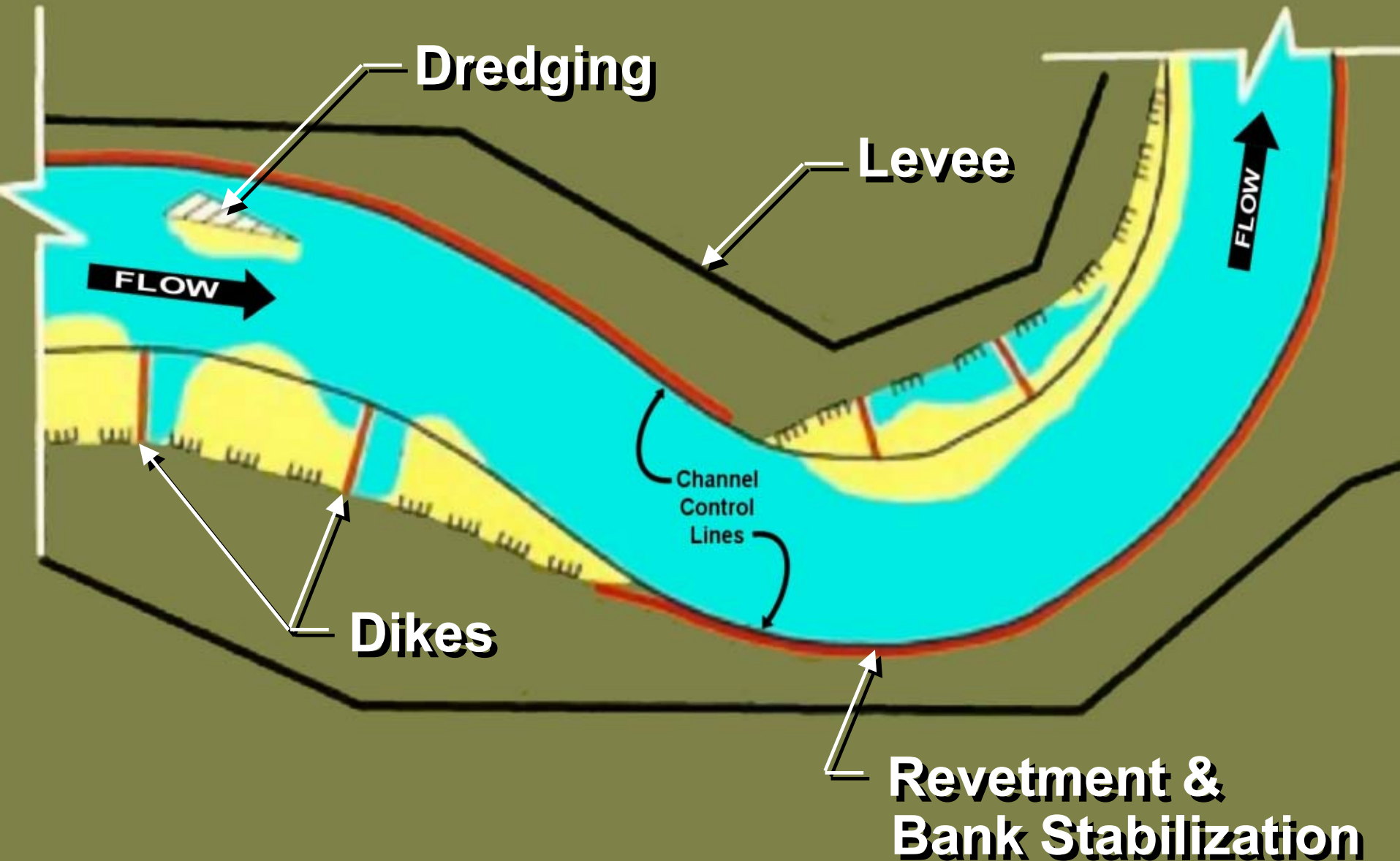
# Mississippi River



## Channel Improvement



# Channel Improvement

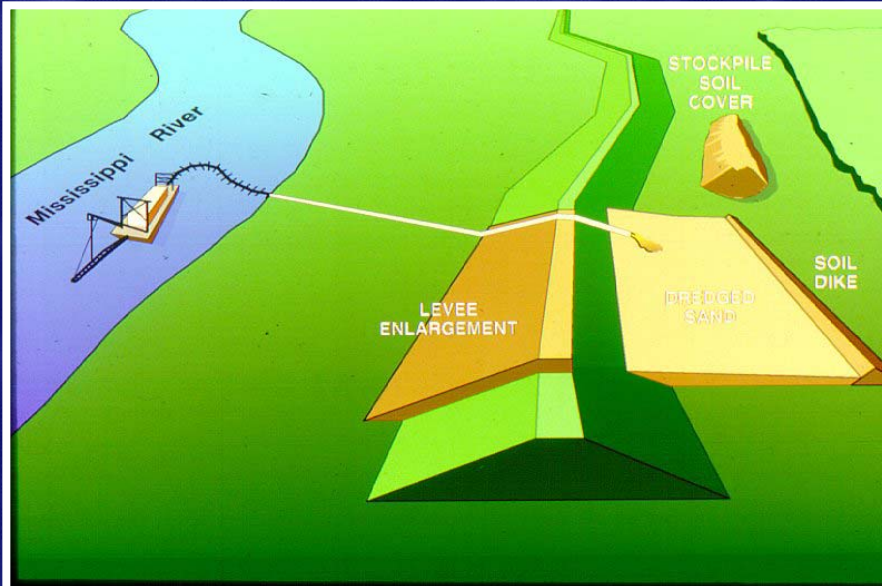






# Mississippi River Levees Project





**Valewood-Carlisle, Item 496-L**





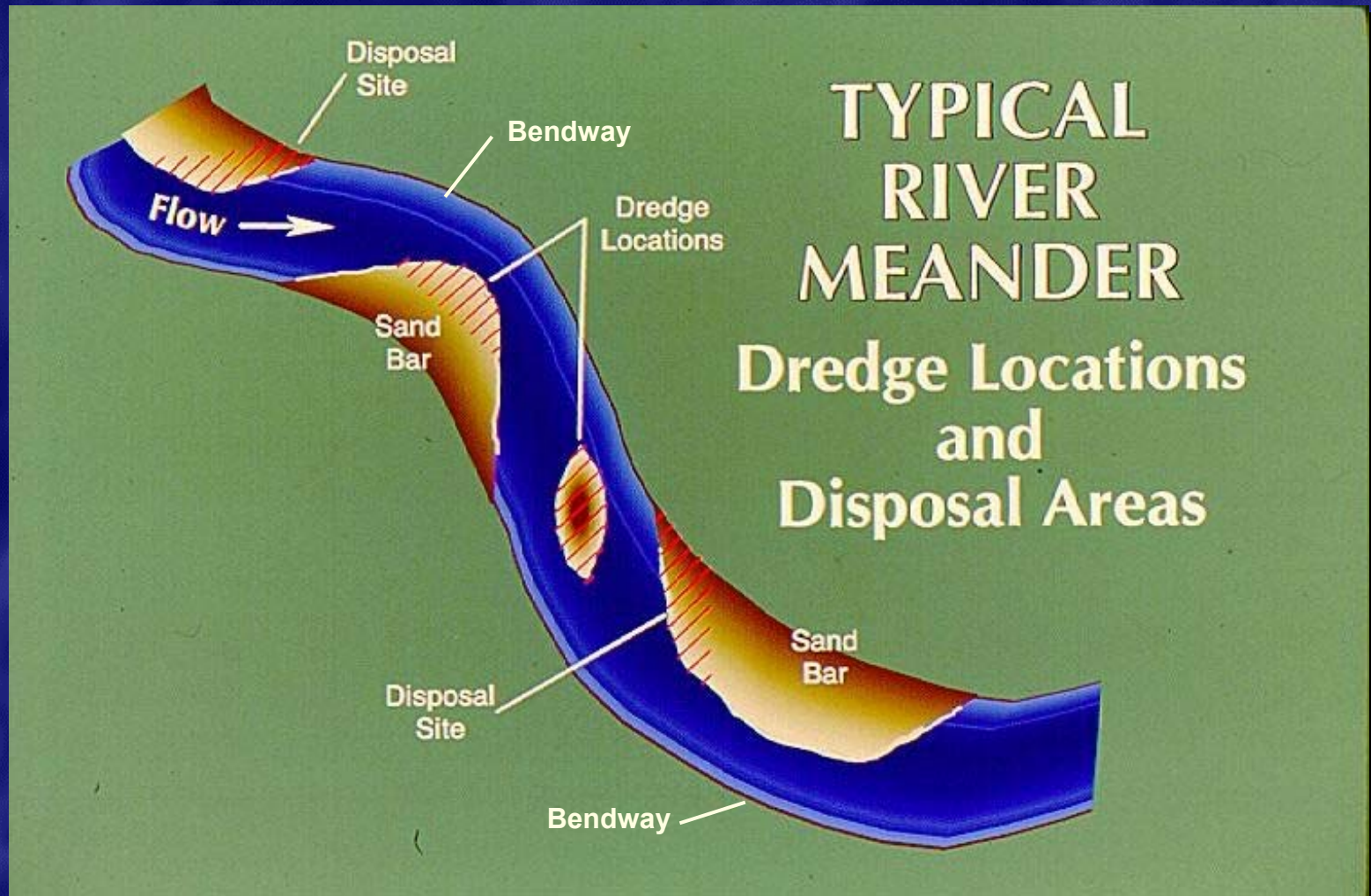


# Environmental Design



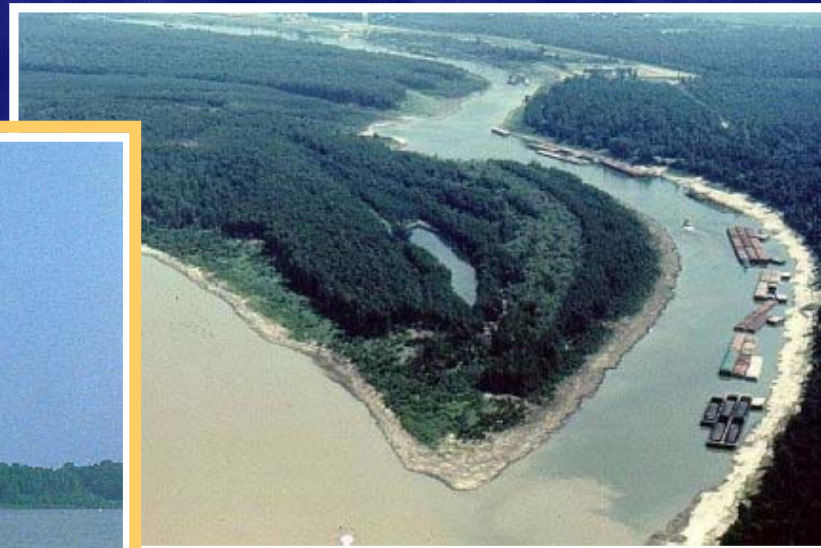
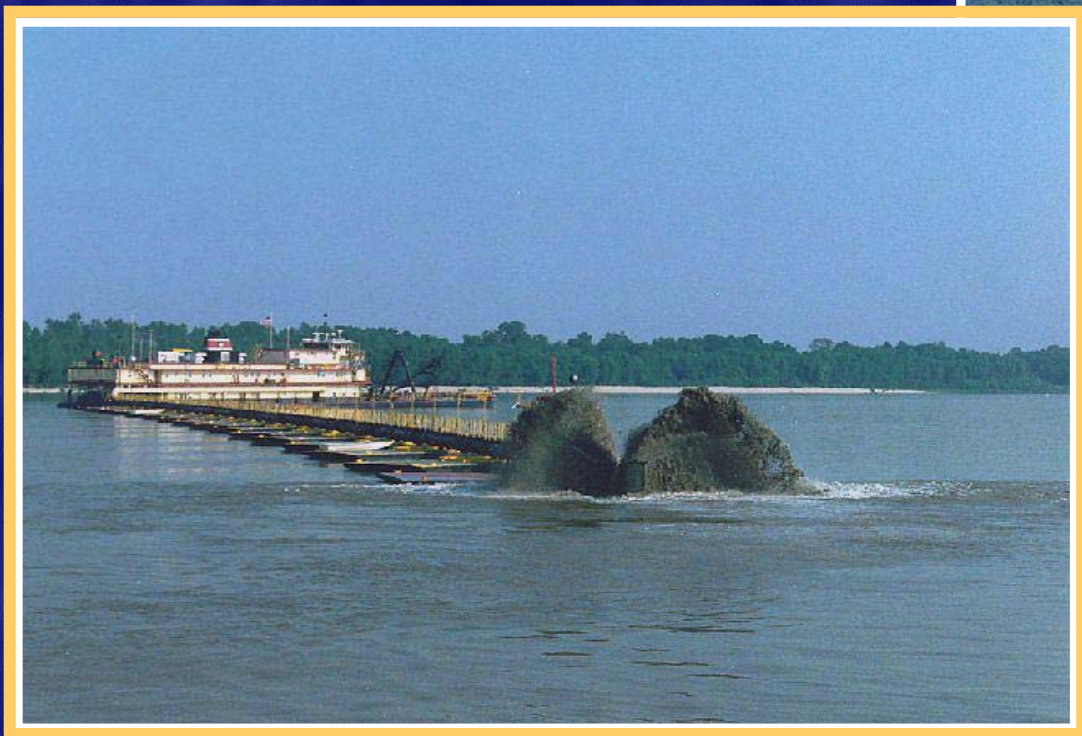


# Maintenance Dredging





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# Maintenance Dredging



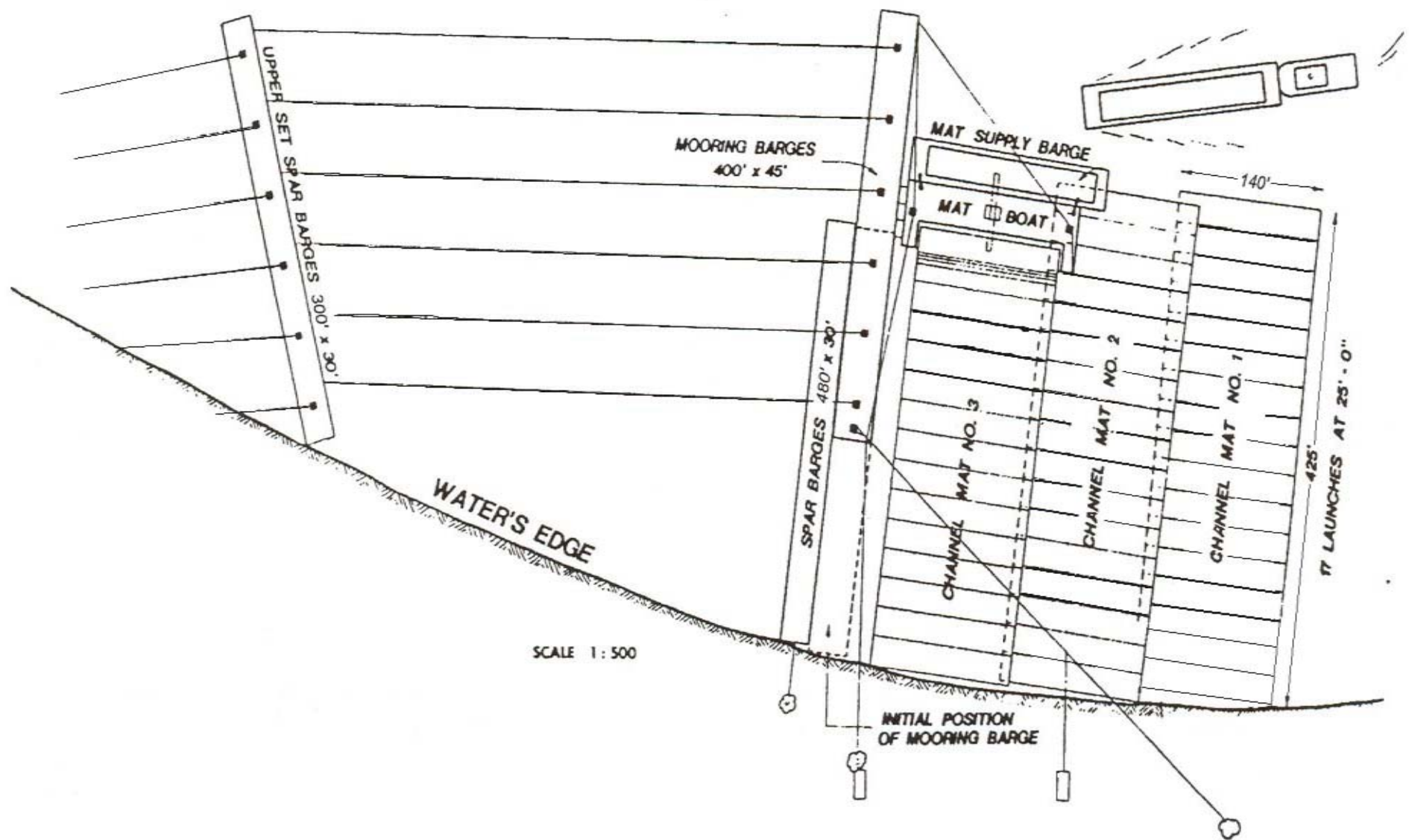


# Revetment – Mat Sinking Unit





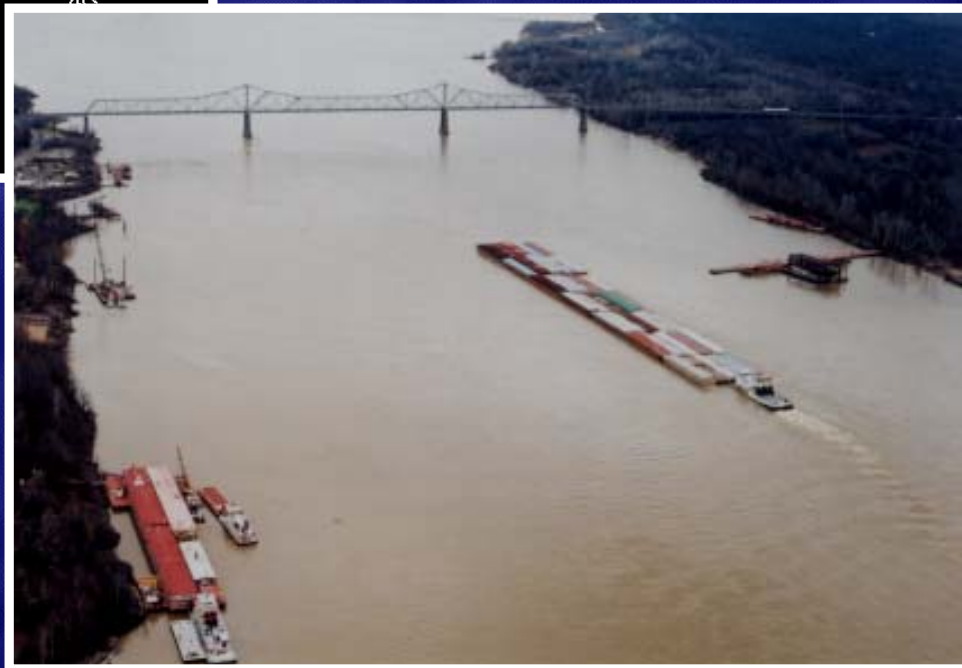
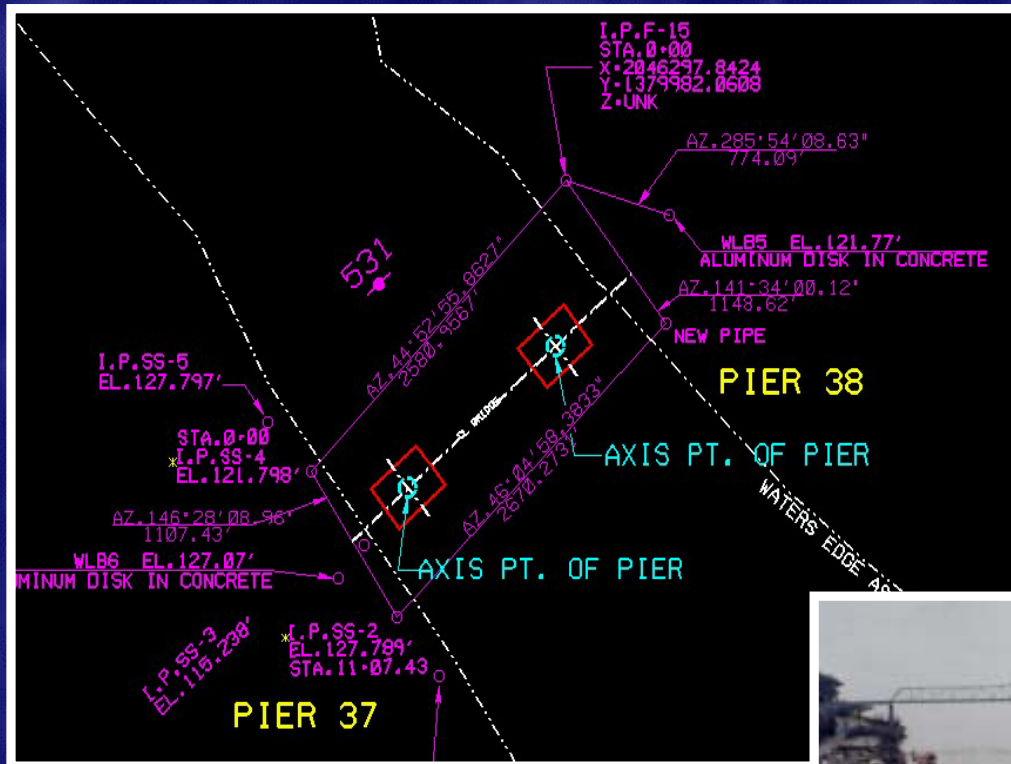
# Aerial View of the Mat Sinking Operation





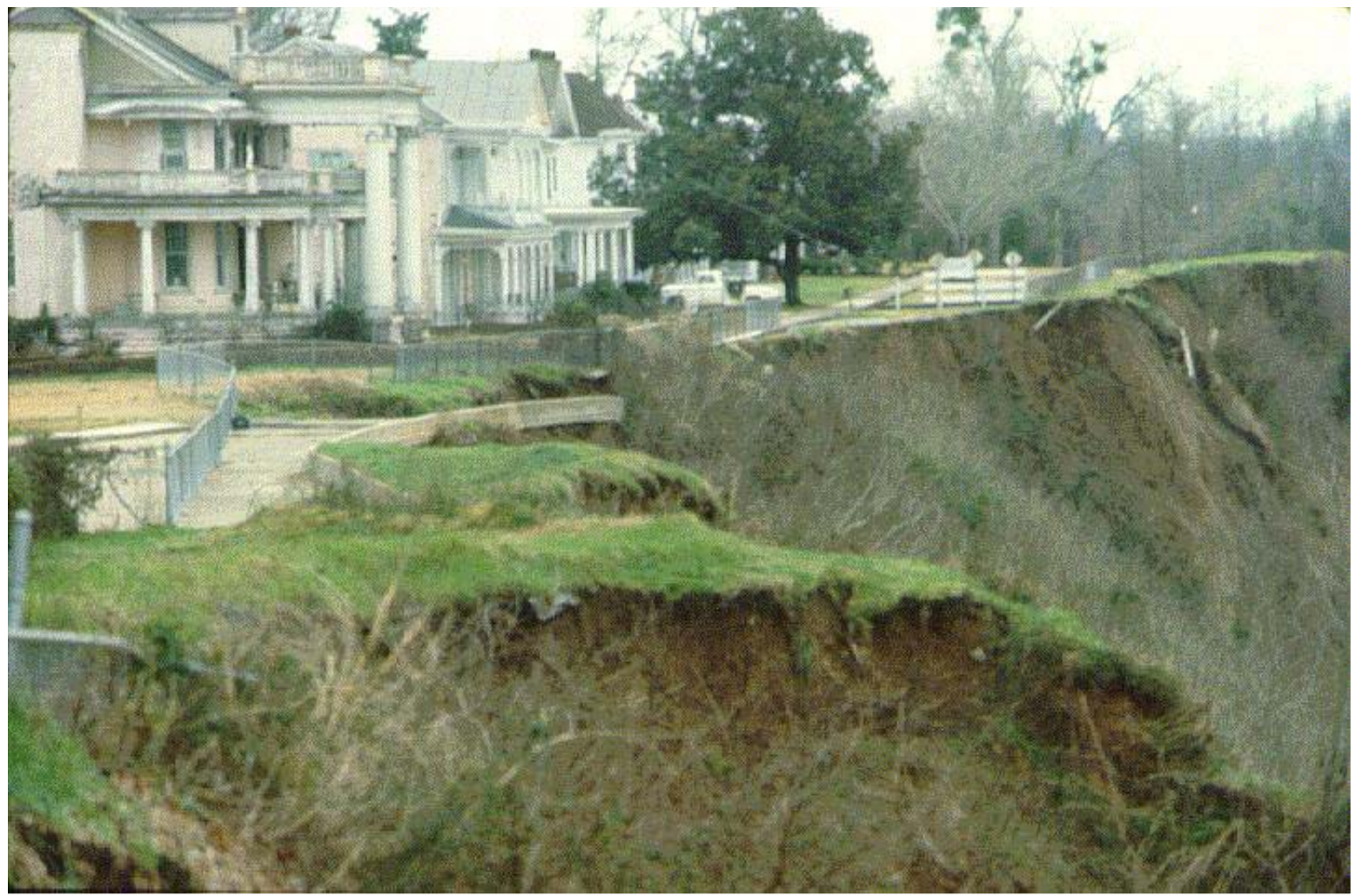








# Natchez Bluff Stabilization





# Natchez Bluff Stabilization



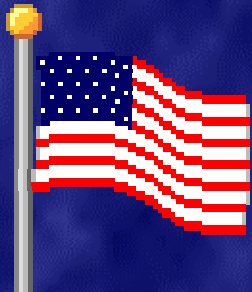




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**A Proud Tradition...  
A Vision for the Future**